QuickDraw® BOILER WATER

POLYSHIELD® POLYMER-LINED

INSTANTANEOUS PACKAGED WATER HEATER

Standard Features and Equipment

Pressure Vessel

- POLYSHIELD® polymer-lined tank
- Tank lining is certified as seamless and holiday-free by wet electrode method ASTM D 5162
- ___ Single-wall or ____Double-wall copper u-tube heat exchanger with nonferrous baffles, rods, and tube sheet(s)
- Heat exchanger is ASME-code, rated for 150 psi and 300°F
- Tank constructed to ASME code and stamped for 150 psi design pressure
- Nonferrous intra-tank circulator (1/7 hp, 120V, 1Ø, 60 Hz., 1.7 amp on model 10 P A-IW)
  (not required on model 20 P A-IW)
  (1/3 hp, 120V, 1Ø, 60 Hz., 8 amp on model 45 P A-IW)
- Nonferrous, tank connections
- Heavy-density tank insulation
- Rust-proof, dent-resistant, PVC jacket
- Floor stand
- Drain valve

Temperature Controls and Safety Devices

- Boiler water pump
- Electronic pump controller
- Immersion operating thermostat
- Immersion, automatic-reset, temperature limiting device
- NEMA-rated control enclosure
- ASME-rated temperature and pressure relief valve (set at 210°F and 150 psi)
- Outlet water temperature controlled to within ±5°F of set point
- On/off remote terminals for building energy management system

Optional Equipment

- ❑ AGA-rated temperature and pressure relief valve (set at 210°F and 150 psi)
- ❑ Wall mounts
- ❑ Boiler water cutoff valve

- ❑ *Gauge Package:*
  Tank temperature and pressure gauges
  Boiler water temperature gauge
  Manual-reset, immersion temperature limiting device

- ❑ *Gauge and Redundant Safety Controls Package:* *(all of Gauge Package plus…)*
  Water flow switch for low water cutoff
  Solenoid over-temperature tank purge valve

① See complete warranty for details

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PVI reserves the right to change the design and specification without notice.